



Notice of Intent (NOI)
NPDES General Permit for Discharges
Associated with Nonmetallic Mineral Mining Facilities
SCG730000

Submission of this Notice of Intent constitutes notice that the party identified in this form intends to be authorized by a NPDES permit issued for Nonmetallic Mineral Mining discharges in a State location identified in this form. Becoming a permittee obligates such a discharge to comply with all terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE INCLUDED WITH THIS FORM. AN ANNUAL OPERATING FEE OF \$100 IS REQUIRED FOR COVERAGE UNDER THIS PERMIT. See Instructions.

I. Site/Operator Information

Name of the Mining or Pit Site: _____

Site Address: _____

Site City: _____ State: _____ Site County: _____ Site ZIP (if available): _____

Tax map # (list all): _____

Company/Operator Name: _____ Phone: _____

Company/Operator Physical Address (do not use PO Boxes): _____

City: _____ State: _____ ZIP: _____ Operator Status:

Federal	State
Public	Private

II. Site Contact Information

Contact Name: _____ Phone: _____

Contact Title: _____

Mailing and Billing Address: _____

City: _____ State: _____ ZIP: _____

III. Site and Discharge Information

A. Materials to be Mined: _____ (if material is mined solely as fill dirt, write **fill dirt** in the blank, not "sand" or "clay")

B. SIC or Activity Codes: Primary: _____ 2nd: _____ 3rd: _____ 4th: _____

(The primary SIC codes for nonmetallic mining activities are in the 1400 series, for example fill dirt pits have the SIC code of 1499. Please list any other SIC codes that apply to this activity.)

C. Total number of acres to be affected by the mining activity: _____

D. Does the site currently have Nonmetallic Mineral Mining Discharge General Permit coverage?

If **Yes** complete this permit number SCG73 _____ ; otherwise mark **No**

E. List any other NPDES or ND Permit numbers for the site: SC _____ SC _____ ND _____

F. Is this site exempt from the Mining Act? Yes, Reason for exemption: _____ No, Mining Permit #: _____

G. Will this site discharge mine dewatering (see instructions for definition)? Yes No

Will this site discharge a process-generated wastewater (see instructions for definition)? Yes No

H. Provide the latitude and longitude (to the nearest 15 seconds) of the site, and the name of the nearest receiving water body (ex: to unnamed tributary to Saluda River). If any answer in G. above is "yes", also list each outfall, and the flow (in gallons per day).

Outfall Number or Storm Water	Flow (gallons per day)	Latitude			Longitude			Receiving Waters
		Deg	Min	Sec	Deg	Min	Sec	

I. Describe the discharge flow path from the point it exits the system to the point it enters the receiving water (attach a separate sheet if more space is needed). Please note, if applicable, that easements have been obtained for any conveyances of the discharge not on property of the permittee, which are not waters of the State.

J. Locate the site and any discharges on a U.S. Geological Survey 7½ minute quad sheet. An 8½ x 11 copy of the portion of the map with the site and the discharge identified should be submitted with this NOI.

USGS Map Quadrant Name: _____

K. Provide a map of the site that shows the following:

- a. All areas that will be affected by mining activities (i.e. the pits or excavation areas, overburden areas, material stockpiles, etc.)
- b. Location of planned access and haul roads on the area to be affected.
- c. Location and name (if appropriate) of streams, lakes, wetlands and existing drainage ditches within the area to be permitted. Use arrows to indicate direction of water flow in such streams and drainage ditches.
- d. A legend showing the name of applicant, name of the processed mine, north arrow, county, scale, date of preparation and name and title of the person who prepared the site map.

L. Describe all operations that contribute wastewater to the discharge and any treatment that is provided. Attach any existing data on the quality of the discharge.

M. Use the space below to bring to the Department's attention any additional information you feel should be considered in the permit decision. Attach an additional sheet if necessary.

IV. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Print Name: _____ Title: _____

Signature: _____ Date: _____

INSTRUCTIONS

Notice Of Intent (NOI) For Nonmetallic Mineral Mining Discharges To Be Covered Under the NPDES General Permit SCG730000

Who Must File A Notice of Intent (NOI) Form.

Federal law at 40 CFR Part 122 prohibits point source discharges to a water body(ies) of the U.S. without a National Pollutant Discharge Elimination System (NPDES) permit. The operator of a site that has nonmetallic mineral mining discharges (including borrow pits) must submit a NOI to obtain coverage under the NPDES General Permit for Nonmetallic Mineral Mining Discharges. If you have questions about whether you need a permit under the NPDES Program, or if you need information as to whether a particular program is administered by EPA or a state agency, contact S.C. DHEC at (803) 898-4300.

Definitions

Process-Generated Wastewater: is any wastewater used in the slurry transport of mined material, air emissions control (excluding water used for dust suppression on roads which is evaporated or absorbed by soils such that no runoff to a receiving stream occurs), or processing exclusive of mining. The term shall also include any other water, which becomes commingled in with such wastewater in a pit, pond, lagoon, mine or other facility used for treatment of such wastewater.

Mine dewatering is any water that is impounded or that collects in the mine and is pumped, drained or otherwise removed from the mine through the efforts of the mine operator. This term shall also include wet pit overflows caused solely by direct rainfall and ground water seepage. However, if a mine is also used for treatment of mine process generated wastewater, discharges of commingled water from the mine shall be deemed discharges of mine process generated wastewater.

Storm Water Associated with the Industrial Activity of Mining means storm water runoff, snow melt runoff, and surface runoff and drainage. Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations. Inactive mining operations are mining sites that are not being actively mined, but which have an identifiable owner/operator; inactive mining sites do not include sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing mined materials, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim.

Where To File NOI Form.

NOIs must be sent to the following address:

SC Department of Health & Environmental Control
Industrial Wastewater Permitting Section
2600 Bull Street
Columbia, SC 29201

Completing the Form

You must type or print all information. If you have any questions on this form, call S.C. DHEC at (803) 898-4300.

Revisions to a previously submitted NOI

If there are only changes in name, address, or site contact person, only Sections I, II and IV of the NOI are required to be completed. The entire NOI should be completed for changes in discharge(s) or discharge characteristics.

Fees

The annual NPDES administration fee of \$100 is required to be submitted with the NOI for coverage of a new site. Make check payable to *S.C. DHEC* and attach to NOI.

Section I: Site/Operator Information.

Give the legal name and physical address of the site to be permitted, including city, state, zip and county. If the site lacks a street address, indicate the state or county Highway number, the nearest town or city, or the quarter section, township, and range (to the nearest quarter section) of the approximate center of the site. Provide tax map numbers.

Give the legal name of the person, firm, public organization, or any other entity that operates the site described in this application. The name of the operator may or may not be the same name as the site. The operator of the site is the legal entity, which controls the site's operation, rather than the property owner, or the plant or site manager. Do not use a colloquial name. Enter the physical address and telephone number of the home or regional office of the operator.

Operator Status: Indicate the legal ownership status of the operator: Federal, State, Public (other than federal or state), or Private

Section II: Site Contact Information

Enter the name, title and complete address and phone number of the person who is familiar with the operation of the site and with the facts reported in this NOI and to whom all permitting correspondence should be sent.

Section III: Site and Discharge Information.

- A. List materials to be mined at the site. If sand and/or clay is mined solely for use as fill dirt list the material as "fill dirt".
- B. List the four 4-digit standard industrial classification (SIC) codes that best describes the principal services provided at the site identified in Section I. For the purposes of this permit a mining code in the 1400 series should be listed as the primary, a construction or excavation code (e.g. 1794) may be listed as one of the other codes.
- C. Indicate the total number of acres to be affected by the mining activity.
- D. Indicate whether the site is currently covered by the Nonmetallic Mineral Mining Discharge General Permit and give the permit number, if applicable. This section is used for updates to or transfers of existing permitted sites.
- E. List any other NPDES or ND (land application) permits issued for the site, if applicable.
- F. Indicate whether the site is required to obtain a Mine Operation Permit or whether the Mining Act exempts it. If the site is exempt, state the reason for the exemption (for example a SCDOT borrow pit).
- G. Indicate whether the site has a discharge of mine dewatering or process generated wastewater, otherwise the site will be covered for stormwater only.
- H. If there is a discharge of mine dewatering or process wastewater, list the discharges for which coverage is sought. Actual or estimated flow data should be included for the discharge. If coverage is sought for more than one discharge of the same type, please list each discharge separately. If more space is needed, attach a separate sheet. If there will only be stormwater covered by this permit, "stormwater" should be indicated.

Give the latitude and longitude (to the nearest 15 seconds) for each discharge and the name of the receiving waters. Name all waters to which discharge is made and which flow into significant receiving waters. For example, if the discharge is made to a ditch, which flows into an unnamed tributary, which in turn flows into a named river, you should provide the name or description (if no name is available) of the ditch, the tributary and the river.

- I. Describe any discharge flow paths.
- J. Provide an 8½ x 11 copy of the applicable portion of a US Geological Survey 7½ minute quad map. The map must show the outline of the site affected by mining and the location of any discharge point(s). The quad sheet name must be provided with the map.
- K. Provide a detailed site map of the mining activity.
- L. Provide additional information about the quality of the discharge.
- M. Provide any other relevant information.

Section IV: Certification

Please print the name and title of the authorized person and sign and date in accordance with the following:

Federal statutes provide for severe penalties for submitting false information on this application form. Federal regulations require this application to be signed as follows:

For a corporation: by a responsible corporate officer, which means: (I) president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions, or (ii) the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures:

For a partnership or sole proprietorship: by a general partner or the proprietor; or

For a municipality, State, Federal, or other public facility: by either a principal executive officer or ranking elected official.

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 1.5 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of the collection of information, or suggestions for improving this form, including any suggestions which may increase or reduce this burden to: Manager, Federal, Energy, Pre-Treatment Permitting Section, Bureau of Water, S.C. Dept. of Health & Environmental Control, 2600 Bull Street, Columbia, SC 29201-1797.

Standard Industrial Classification or Activity Codes

Major Group 14 – Mining and Quarrying of Nonmetallic Minerals, Except Fuels

This major group includes establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels. Also, included are certain well and brine operations, and primary preparation plants, such as those engaged in crushing, grinding, and washing, or other concentration.

Establishments primarily engaged in manufacturing cement are classified in Industry 3241; those engaged in manufacturing lime are classified in Industry 3274; those engaged in cutting and finishing stone and stone products are classified in Industry 3281; and those engaged in manufacturing brick and other structural clay products are classified in Industry Group 325.

Establishments primarily engaged in crushing, pulverizing, or otherwise treating earths, rocks, and minerals mined in Industry Group 14? Or 149; or barite mined in Industry 1479, not in conjunction with mining or quarrying operations are classified in Manufacturing, Industry 3285; establishments primarily engaged in these activities in conjunction with mines or quarries are classified in Mining. Establishments primarily engaged in crushing, pulverizing, or otherwise treating other nonmetallic minerals are classified in Mining, whether or not they are operated in conjunction with mines.

Establishments primarily engaged in manufacturing other stone, clay, glass, and concrete products from minerals mined at the same establishment are classified in Manufacturing, Major Group 32, when separate reports are not available for the mining and manufacturing activities.

1411	<p>Dimension Stone</p> <p>Establishments primarily engaged in mining or quarrying dimension stone. Also included are establishments engaged in producing rough blocks and slabs. Establishments primarily engaged in mining dimension soapstone or in mining or quarrying and shaping grindstones, pulpstones, millstones, burrstones, and sharpening stones are classified in Industry 1499. Establishments primarily engaged in dressing (shaping, polishing, or otherwise finishing) block and slabs are classified in Manufacturing, industry 3281. Nepheline syenite mining operations are classified in Industry 1459.</p> <table> <tr> <td>Argillite, dimension-quarrying</td><td>Marble, dimension-quarrying</td></tr> <tr> <td>Basalt, dimension-quarrying</td><td>Mica schist, dimension-quarrying</td></tr> <tr> <td>Bluestone, dimension-Quarrying</td><td>Onyx marble, dimension-quarrying</td></tr> <tr> <td>Diabase, dimension-quarrying</td><td>Quartzite, dimension-quarrying</td></tr> <tr> <td>Diorite, dimension-quarrying</td><td>Rubble mining</td></tr> <tr> <td>Dolomite, dimension-quarrying</td><td>Sandstone, dimension-quarrying</td></tr> <tr> <td>Dolomitic marble, dimension-quarrying</td><td>Serpentine, dimension-quarrying</td></tr> <tr> <td>Flagstone mining</td><td>Salte, dimension-quarrying</td></tr> <tr> <td>Gabbro, dimension-quarrying</td><td>Syenite (except nepheline), dimension-quarrying</td></tr> <tr> <td>Gneiss, dimension-quarrying</td><td>Trap rock, dimension-quarrying</td></tr> <tr> <td>Granite, dimension-quarrying</td><td>Travertine, dimension-quarrying</td></tr> <tr> <td>Greenstone, dimension-quarrying</td><td>Verde' antique, dimension-quarrying</td></tr> <tr> <td>Limestone, dimension-quarrying</td><td>Volcanic rock, dimension-quarrying</td></tr> </table>	Argillite, dimension-quarrying	Marble, dimension-quarrying	Basalt, dimension-quarrying	Mica schist, dimension-quarrying	Bluestone, dimension-Quarrying	Onyx marble, dimension-quarrying	Diabase, dimension-quarrying	Quartzite, dimension-quarrying	Diorite, dimension-quarrying	Rubble mining	Dolomite, dimension-quarrying	Sandstone, dimension-quarrying	Dolomitic marble, dimension-quarrying	Serpentine, dimension-quarrying	Flagstone mining	Salte, dimension-quarrying	Gabbro, dimension-quarrying	Syenite (except nepheline), dimension-quarrying	Gneiss, dimension-quarrying	Trap rock, dimension-quarrying	Granite, dimension-quarrying	Travertine, dimension-quarrying	Greenstone, dimension-quarrying	Verde' antique, dimension-quarrying	Limestone, dimension-quarrying	Volcanic rock, dimension-quarrying
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1422	<p>Crushed and Broken Limestone</p> <p>Establishments primarily engaged in mining or quarrying crushed and broken limestone, including related rocks, such as dolomite, cement rock, marl travertine, and calcareous tufa. Also included are establishments primarily engaged in the grinding or pulverizing of limestone, but establishments primarily engaged in producing lime are classified in manufacturing, Industry 3274.</p> <table> <tr> <td>Calcareous tufa, crushed and broken-quarrying</td><td>Limestone, except bituminous: crushed and broken-quarrying</td></tr> <tr> <td>Cement rock, crushed and broken-quarrying</td><td>Marl, crushed and broken-quarrying</td></tr> <tr> <td>Chalk mining, crushed and broken-quarrying</td><td>Travertine, crushed and broken-quarrying</td></tr> <tr> <td>Dolomite, crushed and broken-quarrying</td><td>Whiting mining, crushed and broken-quarrying</td></tr> <tr> <td>Lime rock, ground</td><td></td></tr> </table>	Calcareous tufa, crushed and broken-quarrying	Limestone, except bituminous: crushed and broken-quarrying	Cement rock, crushed and broken-quarrying	Marl, crushed and broken-quarrying	Chalk mining, crushed and broken-quarrying	Travertine, crushed and broken-quarrying	Dolomite, crushed and broken-quarrying	Whiting mining, crushed and broken-quarrying	Lime rock, ground																	
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1423	<p>Crushed and Broken Granite</p> <p>Establishments primarily engaged in mining or quarrying crushed and broken granite, including related rocks, such as gneiss, syenite, and diorite.</p> <table> <tr> <td>Diorite, crushed and broken-quarrying</td><td>Granite, crushed and broken-quarrying</td></tr> <tr> <td>Gneiss, crushed and broken-quarrying</td><td>Syenite, except nepheline: crushed and broken-quarrying</td></tr> </table>	Diorite, crushed and broken-quarrying	Granite, crushed and broken-quarrying	Gneiss, crushed and broken-quarrying	Syenite, except nepheline: crushed and broken-quarrying																						
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1429	Crushed and Broken Stone, Not Elsewhere Classified		
	Establishments primarily engaged in mining or quarrying crushed and broken stone, not elsewhere classified.		
1442	Construction Sand and Gravel		
	Establishments primarily engaged in operating sand and gravel pits and dredges, and in washing, screening, or otherwise preparing sand and gravel for construction uses.		
1446	Industrial Sand		
	Establishments primarily engaged in operating sand pits and dredges, and in washing, screening, and otherwise preparing sand for uses other than construction, such as glassmaking, molding, and abrasives.		
1455	Kaolin and Ball Clay		
	Establishments primarily engaged in mining, milling, or otherwise preparing kaolin or ball clay, including china clay, paper clay, and slip clay.		
1459	Clay, Ceramic, and Refractory Minerals, Not Elsewhere Classified		
	Establishments primarily engaged in mining, milling or otherwise preparing clay, ceramic, and refractory minerals, not elsewhere classified. Establishments producing clay in conjunction with the manufacture of refractory or structural clay and pottery products are classified in Manufacturing Major Group 32.		

1474	Potash, Soda, and Borate Minerals		
	Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds. Establishments primarily engaged in mining common salt are classified in Industry 1479.		
	Alum mining	Glauber's salt mining	Salines mining, except common salt
	Borate compounds mining	Kernite mining	Soda ash mining
	Borax mining	Potash mining	Sodium compounds mining, except common salt
	Borax, crude: ground and pulverized	Potassium compounds mining	Trona mining
	Boron mineral mining	Probertite mining	Ulexite mining
Colemanite mining			
1475	Phosphate Rock		
	Establishments primarily engaged in mining, milling, drying, calcining, sintering, or otherwise preparing phosphate rock including apatite. Establishments primarily engaged in the production of phosphoric acid, superphosphates, or other manufactured phosphate compounds or chemicals are classified in Manufacturing, Major Group 28.		
	Apatite mining	Phosphate rock mining	
1479	Chemical and Fertilizer Mineral Mining, Not Elsewhere Classified		
	Establishments primarily engaged in mining, milling, or otherwise preparing chemical or fertilizer mineral raw materials, not elsewhere classified. Establishments primarily engaged in milling, grinding, or otherwise preparing barite not in conjunction with mining or quarry operations are classified in Manufacturing, Industry 3295; similar establishments preparing other minerals of this industry are included here. Establishments primarily engaged in producing salt by evaporation of sea water or brine are classified in Manufacturing, Industry 2899.		
	Alunite mining	Fluorspar, ground or otherwise treated	Rock salt mining
	Amblygonite mining	Guano mining	Salt mining, common
	Arsenic mineral mining	Lepidolite mining	Sienna mining
	Barite mining	Lithium mineral mining	Spodumene mining
	Barium ore mining	Marcasite mining	Strontianite mining
	Brimstone mining	Mineral pigment mining	Strontium mineral mining
	Celestite mining	Ocher mining	Sulfur mining, native
	Fluorite mining	Pyrites mining	Umber mining
Fluorspar mining	Pyrrhodite mining		
1481	Nonmetallic Minerals Services, Except Fuels		
	Establishments primarily engaged in the removal of overburden, strip mining, and other services for nonmetallic minerals, except fuels, for others on a contract or fee basis. Establishments primarily engaged in performing hauling services are classified in Division E, Transportation and Public Utilities.		
	Boring test holes for nonmetallic minerals, except Fuels: on a contract basis	Mine development for nonmetallic minerals, except Fuels: on a contract basis	
	Draining or pumping of nonmetallic minerals mines, Except fuels: on a contract basis	Overburden removal for nonmetallic minerals, except Fuels: on a contract basis	
	Drilling for nonmetallic minerals, except fuels; on A contract basis	Shaft sinking for nonmetallic minerals, except fuels: On a contract basis	
	Exploration for nonmetallic minerals, except fuels: On a contract basis	Strip mining for nonmetallic minerals, except fuels: On a contract basis	
	Geophysical exploration services, for nonmetallic Minerals, except fuels: on a contract basis		

1499	Miscellaneous Nonmetallic Minerals, Except Fuels		
	Establishments primarily engaged in mining, quarrying, milling, or otherwise preparing nonmetallic minerals, except fuels. This industry includes shaping of natural abrasive stones at the quarry. Establishments primarily engaged in the production of blast, grinding, or polishing sand are classified in Industry 1466, and those calcining gypsum are classified in Manufacturing, Industry 3275.		
	Agate mining	Greensand mining	Pyrophyllite mining
	Alabaster mining	Grinding peat	Quartz crystal mining (pure)
	Amethyst mining	Grindstone quarrying	Reed peat mining
	Asbestos mining	Gypsite mining	Rubbing stone quarrying
	Asphalt (native) mining	Gypsum mining	Ruby mining
	Asphalt rock mining	Iceland spar mining (optical grade calcite)	Sapphire mining
	Bitumens (native) mining	Jade mining	Scoria mining
	Bituminous limestone quarrying	Meerschaum mining or quarrying	Screening peat
	Bituminous sandstone quarrying	Mica mining	Scythestone quarrying
	Burrstone quarrying	Millstone quarrying	Sedge peat mining
	Calcite mining	Muscovite mining	Selenite mining
	Cadinite mining	Natural abrasives mining (except sand)	Semiprecious stones mining
	Corundum mining	Oilstone quarrying	Sharpening stone quarrying
	Cryolite mining	Ozokerite mining	Shell mining
	Diamond mining, industrial	Peat humus mining	Shredding peat
	Diatomaceous earth mining	Peat mining	Soapstone quarrying
	Diatomite mining	Perlite mining	Steatite mining
	Emery mining	Phlogopite mining	Talc mining
	Fill dirt pits	Pipestone mining	Tripoli mining
	Garnet mining	Pozzolana mining	Turquoise mining
	Gem stone mining	Precious stones mining	Vermiculite mining
	Gilsonite mining	Pulpstone quarrying	Volcanic ash mining
	Grahamite mining	Pumice mining	Whetstone quarrying
	Graphite mining	Pumicite mining	Wurtzilite mining